

WHAT IS CLAIMED IS:

1. An error-detecting method in a mobile communication system, comprising:
detecting an error in a data block which has passed an uplink radio section;
inserting a CRC code of a type causing a 'CRC fail' to occur into the data block; and
transmitting the data block with the CRC code to a receiving side.
2. The method of claim 1, performing a concealment operation on the error data block when the error data block is transmitted to and judged to be 'CRC fail' in the receiving side.
3. The method of claim 1, wherein the CRC code has a standardized bit pattern.
4. The method of claim 1, wherein the CRC code is generated and inserted by a base station system of a transmitting side.
5. The method of claim 4, wherein the base station system includes a base station, a radio network controller, and a mobile switching center.
6. An error-detecting method in a mobile communication system, comprising:
checking whether an error exists in a data block which has passed an uplink radio section;

inserting a CRC code of a type causing a 'CRC fail' to occur in the data block if the data is detected to have an error;

detecting the data block containing the CRC code on a receiving side; and

reporting detection of an error to an image application.

7. The method of claim 6, further comprising: performing a concealment operation on the data block by the image application.

8. The method of claim 6, wherein the CRC code has a standardized bit pattern.

9. The method of claim 6, wherein the CRC code is generated and inserted by a base station system of a transmitting side.

10. The method of claim 9, wherein the base station system includes a base station, a radio network controller, and a mobile switching center.

11. An error-detecting method in a mobile communication system, comprising:
checking whether an error exists in a data block which has passed an uplink radio section;

inserting a CRC code of a type causing a 'CRC fail' into the data block if the data is detected to have an error;

detecting the data block containing the CRC code on a receiving side; and

stopping a decoding operation on the data block and performing a concealment operation.

12. The method of claim 11, wherein the CRC code has a standardized bit pattern.

13. The method of claim 11, wherein the CRC code is generated and inserted by a base station system of a transmitting side.

14. The method of claim 13, wherein the base station system includes a base station, a radio network controller, and a mobile switching center.

15. The method of claim 11, wherein the uplink radio section is a radio section between an originating terminal and a radio network controller.

16. The method of claim 11, wherein the data block includes moving picture information.

17. An error detecting method in a mobile communication system, comprising:

(a) detecting that data block which has passed an uplink radio section has an error;

(b) blocking transmission of the data block;

(c) determining that on or more data blocks have not been timely received by the receiving side; and

(d) performing a concealment operation on the data block not timely received.

18. The method of claim 17, wherein steps (a) and (b) are performed in a base station system of the transmitting side.

19. The method of claim 18, wherein the base station system includes a base station, a radio network controller, and a mobile switching center.

20. The method of claim 17, wherein the uplink radio section is a radio section between an originating terminal and a radio network controller.

21. The method of claim 17, wherein the data block includes moving picture information.

22. The method of claim 17, wherein data transmission to the receiving terminal is performed based on a circuit network transmission method.

23. A system for detecting errors in a mobile communication system, comprising:
a detector which detects an error in a data block which has passed an uplink radio section;

a processor for inserting a CRC code of a type causing a 'CRC fail' to occur in the data block; and

a transmitter for transmitting the data block with the CRC code to a receiving side.

24. The system of claim 23, wherein a processor at the receiving side performs a concealment operation on the error data block when the error data block is transmitted to and judged to be a 'CRC fail'.

25. The system of claim 23, wherein the CRC code has a standardized bit pattern.

26. The system of claim 23, further comprising:

a base station system at a transmitting side which generates and inserts the CRC code.

27. The system of claim 26, wherein the base station system includes a base station, a radio network controller, and a mobile switching center.

28. A system for transmitting data in a mobile communication system, comprising:

a detector which detects that a data block passing an uplink radio section includes an error; and

a controller which blocks transmission of the data block.

29. The system of claim 28, further comprising:

a detector at a receiving side that determines that one or more data blocks have not been timely received, and performs a concealment operation on the data block not timely received.

30. The system of claim 28, wherein the detector and controller are located in a base station system of a transmitting side.

31. The system of claim 30, wherein the base station system includes a base station, a radio network controller, and a mobile switching center.